PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY To: PCT GEOFFREY L. MELNICK G.E. EHRLICH (1995) LTD. NOTIFICATION OF TRANSMITTAL OF 11 MENACHEM BEGIN STREET THE INTERNATIONAL SEARCH REPORT AND RAMAT-GAN, ISRAEL 5252 THE WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY, OR THE DECLARATION 28 FEB 2007 (PCT Rule 44.1) FILE No. Date of mailing (day Doonth/year) Applicant's or agent's file reference 28991 FOR FURTHER ACTION See paragraphs 1 and 4 below International application No. International filing date PCT/IL05/00330 (day/month/year) 23 March 2005 (23.03.2005) Applicant DUNE MEDICAL DEVICES LTD. The applicant is hereby notified that the international search report and the written opinion of the International Searching Authority have been established and are transmitted herewith. Filing of amendments and statement under Article 19: The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46): The time limit for filing such amendments is normally two months from the date of transmittal of the international search report. Where? Directly to the International Bureau of WIPO, 34 chemin des Colombettes 1211 Geneva 20, Switzerland, Facsimile No.: (41-22) 338.82.70. For more detailed instructions, see the notes on the accompanying sheet. The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted herewith. With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that: the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices. no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made. Reminders Shortly after the expiration of 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication. The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established. These comments would also be made available to the public but not before the expiration of 30 months from the priority date. Within 19 months from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later); otherwise, the applicant must, within 20 months from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices. In respect of other designated Offices, the time limit of 30 months (or later) will apply even if no demand is filed within 19 months. See the Annex to Form PCT/IB/301 and, for details about the applicable time limits, Office by Office, see the PCT Applicant's Guide, Volume II, National Chapters and the WIPO Internet site. Name and mailing address of the ISA/ US Authorized officer Mail Stop PCT, Attn: ISA/US Commissioner for Patents Eleni Mantis Mercader P.O. Box 1450 Alexandria, Virginia 22313-1450 Telephone No. 571-272-3700

Facsimile No. (571) 273-3201 Form PCT/ISA/220 (January 2004)

(See notes on accompanying sheet)

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 28991	FOR FURTHER see	Form PCT/ISA/220
International application No.	«ACTION as well as, whe	ere applicable, item 5 below.
PCT/IL05/00330	International filing date (day/month/year) 23 March 2005 (23.03.2005)	(Earliest) Priority Date (day/month/year) 23 March 2004 (23.03.2004)
Applicant DUNE MEDICAL DEVICES LTD.		
This international search report consists o	4	
Basis of the Report With regard to the language, the in	nternational search was carried out on the basis	
	pelication in the language in which it was filed	
of a translation fun	international application intonished for the purposes of international search	(Rules 12.3(a) and 23.1(b))
b. With regard to any nucleotide	and/or amino acid sequence disclosed in the	international application, see Box No. I.
2. Certain claims were found u	•	
3. Unity of invention is lacking4. With regard to the title,	(See Box No. III)	
the text is approved as submitt	and board.	
	The control of the co	
the text has been established by	y this Authority to read as follows:	
		i
5. With regard to the abstract,		ŀ
the text is approved as submitte		
the text has been established, ac may, within one month from the	cording to Rule 38.2(b), by this Authority as it date of mailing of this international search re	t appears in Box No. IV. The applicant
With regard to the drawings,		to and ridgionty.
a. the figure of the drawings to be publ	ished with the abstract is Figure No. 12b	
as suggested by the app	licant.	
as selected by this Auth	ority, because the applicant failed to suggest a	figure.
	ority, because this figure better characterizes the	
b none of the figures is to be publi		į.
m PCT/ISA/210 (first sheet) (April 2005)		

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL05/00330

Box IV TEXT OF THE .	ABSTRACT	(Continuation of Item 5 of the first sheet)
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An integrated tool is provided, having a tissue-type sensor, for determining the tissue type at a near zone volume of a tissue surface, and a distance-measuring sensor, for determining the distance to an interface with another tissue type, for (i) confirming an existence of a clean margin of heathy tissue around a mailignant tumor, which is being removed, and (ii) determining the depth of the clean margin. The integrated tool may further include a position tracking device and an incision instrument. The soft tissue may be held within a fixed frame, while the tumor is being removed.

Form PCT/ISA/210 (continuation of first sheet(3)) (April 2005)

INTERNATIONAL SEARCH REPORT

International application No.
PCT/IL05/00330

A. CLASSIFICATION OF SUBJECT MATTER			
IPC: A61B 5/00(2006.01)			
. ,			
LIGDG			
USPC: 600/407			
According to International Patent Classification (IPC) or to bot	national classification and IPC	2	
B. FIELDS SEARCHED			
Minimum documentation searched (classification system follow	ed by classification symbols)		
U.S.: 600/407, 409, 410, 425, 437, 439, 473, 476			
Documentation searched other than minimum documentation to	the extent that such documents	are included in	the fields seembed
		are menued in	the neids searched
Electronic data base consulted during the in-			
Electronic data base consulted during the international search (n. EAST	ame of data base and, where pra	cticable, search	h terms used)
C POCKER (P)			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category * Citation of document, with indication, when	e appropriate, of the relevant pa	issages	Relevant to claim No.
A US 5,558,092 A (UNGER et al) 24 September 19	06 (24.09.1996), see Figure 5 ar	nd respective	1-30
text in specification.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	- respective	1-30
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Further documents are listed in the continuation of Box C.	See notant family		<u> </u>
Special categories of cited documents:	See patent family		
		ed after the interna-	tional filing date or priority in but cited to understand the
'A" document defining the general state of the art which is not considered to be of particular relevance	principle or theory und	erlying the invention	on our creed to inicierstand the
E" carlier application or natent published on or after the international CV	"X" document of particular	relevance: the clair	ned invention cannot be
17 param parameter on or anci the international ming date	considered novel or car	nnot be considered	to involve an inventive step
L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as	when the document is t		
specified)	"Y" document of particular	relevance; the clair	ned invention cannot be
O" document referring to an oral disclosure, use, exhibition or other means	with one of higher	such documents, su	en the document is combined
	obvious to a person ski	iled in the art	
P" document published prior to the international filing date but later than the priority date claimed	"&" document member of th	e same patent fami	ly
Date of the actual completion of the international search	T		
	Date of mailing of the interna	itional search r	eport
0 March 2006 (20.03.2006)	USFE	<u> </u>	
ame and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US	Authorized officer	1 51	0 1
Commissioner for Patents	Eleni Mantis Mercader	1. Hur	les le
P.O. Box 1450	/	, ,,000	7/19
Alexandria, Virginia 22313-1450 acsimile No. (571) 273-3201	Telephone No. 571-272-370	0	1
m PCT/ISA/210 (second choot) (A-vil 2005)			

Form PCT/ISA/210 (second sheet) (April 2005)

PATENT COOPERATION TREATY

From the

Form PCT/ISA/237 (cover sheet) (April 2005)

To: GEOFFREY L. MELNICK G.E. EHRLICH (1995) LTD. I MENACHEM BEGIN STREET RAMAT-GAN, ISRAEL 52 521		PCT WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY				
				Date of mailing	(PCT Rule 43bis,1)	
Applica	nt's or agent's file			(day/month/yed	r) V O F F H ZUU/	
28991	in s or agent s me	reference		FOR FURTH	ER ACTION See paragraph 2 below	
<u> </u>	onal application N	Vo In	ernational filing data			
PCT/IL0						
		fication (IPC) or bo	March 2005 (23.03.20 oth national classification	.2005) 23 March 2004 (23.03.2004)		
IPC: USPC: Applican	A61B 5/00(200-	6.01)				
1. This	opinion contains	indications relating	to the following items	3 :		
	Box No. I	Basis of the opin	ion			
	Box No. II	Priority				
	Box No. III	Non-establishme	nt of opinion with reg	ard to novelty, in	ventive step and industrial applicability	
	Box No. IV	Lack of unity of:			som to step and industrial applications	
	Box No. V	-		() () ta		
		applicability; cita	tions and explanations	(a)(1) with regard s supporting such	to novelty, inventive step or industrial statement	
	Box No. VI	Certain document	ts cited			
	Box No. VII	Certain defects in	the international appl	ication		
	Box No. VIII	Certain observation	ons on the internationa	l application		
2. FUR	THER ACTIO	N				
If a de Interna	emand for interna ational Prelimina rity other than the	ational preliminary ry Examining Aut is one to be the IP!	HODIV LIPEA LEVE	pt that this doe	I be considered to be a written opinion of the s not apply where the applicant chooses an the International Bureau under Rule 66.1bis(b) fered.	
of For	m PCT/ISA/220 o	somer, which about	ion of 22 months from	mic before the or	PEA, the applicant is invited to submit to the spiration of 3 months from the date of mailing whichever expires later.	
3. For fur	ther details, see no	otes to Form PCT/L	SA/220.			
	mailing address of		Date of completion	n of this opinion	Authorized officer	
М	ail Stop PCT, Attn: ommissioner for Pat	ISA/US		-	Flori Mantia Marcadon A. Theres.	
P.6	O. Box 1450		20 March 2006 (20).U3.40U6) i	Eleni Mantis Mercader J. Huskey Telephone No. 571-272-3700	
	Alexandria, Virginia 22313-1450 acsimile No. (571) 273-3201 Telephone No. 571-272-3700					

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/IL05/00330

	NO. 1 Basis of this opinion
2. With	the international application in the language in which it was filed a translation of the international application into, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)). Tregard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimention, this opinion has been established on the basis of:
a.	type of material a sequence listing table(s) related to the sequence listing
b.	format of material on paper in electronic form
c.	time of filing/furnishing contained in the international application as filed. filed together with the international application in electronic form. furnished subsequently to this Authority for the purposes of search.
	In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
n DCT/IC	SA/237(Box No. I) (April 2005)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/IL05/00330

	anations supporting such statement	
1. Statement		
Novelty (N)	Claims 1-30	Y
	Claims NONE	N
Inventive step (IS)		
inventive step (15)	Claims 1-30	
	Claims NONE	N
Industrial applicability (IA)	Claims 1-30	Y
	Claims NONE	
. Citations and explanations:		
Claims 1-30 meet the criteria set out in PCT Article : e made or used in industry.	eccan	se the claimed subject matter
		The second secon

NOTES TO FORM PCT/ISA/220 (continued)

The letter must indicate the differences between the claims as filed and the claims as amended. It must, in particular, indicate, in connection with each claim appearing in the international application (it being understood that identical indications concerning several claims may be grouped), whether

- (i) the claim is unchanged;
- (ii) the claim is careelled;
- (iii) the claim is new;
- (iv) the claim replaces one or more claims as filed;
- (v) the claim is the result of the division of a claim as filed.

The following examples illustrate the manner in which amendments must be explained in the accompanying letter:

- [Where originally there were 48 claims and after amendment of some claims there are 51]:
 "Claims 1 to 29, 31, 32, 34, 35, 37 to 48 replaced by amended claims bearing the same numbers;
 claims 30, 33 and 36 unchanged; new claims 49 to 51 added."
- [Where originally there were 15 claims and after amendment of all claims there are 11]:
 "Claims 1 to 15 replaced by amended claims 1 to 11."
- [Where originally there were 14 claims and the amendments consist in cancelling some claims and in adding new claims]:
 - "Claims 1 to 6 and 14 unchanged; claims 7 to 13 cancelled; new claims 15, 16 and 17 added." or "Claims 7 to 13 cancelled; new claims 15, 16 and 17 added; all other claims unchanged."
- 4. [Where various kinds of amendments are made]:
 "Claims 1-10 unchanged; claims 11 to 13, 18 and 19 cancelled; claims 14, 15 and 16 replaced by amended claim 14; claim 17 subdivided into amended claims 15, 16 and 17; new claims 20 and 21 added."

"Statement under Article 19(1)" (Rule 46.4).

The amendments may be accompanied by a statement explaining the amendments and indicating any impact that such amendments might have on the description and the drawings (which cannot be amended under Article 19(1)).

The statement will be published with the international application and the amended claims.

It must be in the language in which the international application is to be published.

It must be brief, not exceeding 500 words if in English or if translated into English.

It should not be confused with and does not replace the letter indicating the differences between the claims as filed and as amended. It must be filed on a separate sheet and must be identified as such by a heading, preferably by using the words "Statement under Article 19(1)."

It may not contain any disparaging comments on the international search report or the relevance of citations contained in that report. Reference to citations, relevant to a given claim, contained in the international search report may be made only in connection with an amendment of that claim.

Consequence if a demand for international preliminary examination has already been filed

If, at the time of filing any amendments and any accompanying statement, under Article 19, a demand for international preliminary examination has already been submitted, the applicant must preferably, at the time of filing the amendments (and any statement) with the International Bureau, also file with the International Preliminary Examining Authority a copy of such amendments (and of any statement) and, where required, a translation of such amendments for the procedure before that Authority (see Rules 55.3(a) and 62.2, first sentence). For further information, see the Notes to the demand form (PCT/IPEA/401).

If a demand for international preliminary examination is made, the written opinion of the International Searching Authority will, except in certain cases where the International Preliminary Examining Authority did not act as International Searching Authority and where it has notified the International Bureau under Rule 66.1bis(b), be considered to be a written opinion of the International Preliminary Examining Authority. If a demand is made, the applicant may submit to the International Preliminary Examining Authority a reply to the written opinion together, where appropriate, with amendments before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later (Rule 43bis.1(c)).

Consequence with regard to translation of the international application? For entry into the national phase

The applicant's attention is drawn to the fact that, upon entry into the national phase, a translation of the claims as amended under Article 19 may have to be furnished to the designated/elected Offices, instead of, or in addition to, the translation of the claims as filed.

For further details on the requirements of each designated/elected Office, see the PCT Applicant's Guide, Volume II.